



ISR Infrastructure Update for 2005

Installation Status Report After Action Review

ISR Infrastructure
VTC

12 August 2004



ISR Infrastructure Update for *2005*

Purpose

- To outline the planned update for ISR Infrastructure for 2005 and beyond



ISR Infrastructure Update for *2005*

Agenda

- Purpose
- Overview & goals of ISR update
- Update process and timeline
- Update features
- Site visits to evaluate standards
- Site visit results
- Summary of update standards/process changes
- Other changes
- Facility evaluator training
- Update effects



ISR Infrastructure Update for **2005**

Overview

- On 1 Oct 03, ACSIM approved the concept to update ISR Infrastructure methodology and standards for the 2005 collection
- Primary Goals
 - Reduce subjectivity of standards
 - Resolve critical component influence on facility repair estimate
 - Improve training of user/tenant facility raters at installation level
 - Support OSD and CFOA data requirements
 - Build on current ISR process



ISR Infrastructure Update for **2005**

The Update Process

- Six-Person Update Team committed to implementation task, including revision of ISR rating standards
- ISR Update milestones
 - Dec 03-Aug 04 - Update Standards Booklets
 - Dec 03-Jul 04 - Revise rating and cost estimating methodology
 - Dec 03-Sep 04 - Develop component cost factors - DASA(CE)
 - Jun-Jul 04 - Site visits - test updated Standards Booklets
 - Aug-Sep 04 - Finalize / approve Standards Booklets
 - Feb-Nov 04 - Update instructions and guidance
 - Apr-Dec 04 - Revise software for new standards and methodology
 - Jan 05 - Installations begin ISR 2005 data collection



ISR Infrastructure Update for 2005

ISR Infrastructure Update Features

- Revise ISR Infrastructure standards booklets
 - Revise with less subjective wording
 - Restructure with assignment of points for weighting elements & components
- Develop facility repair cost estimate as basis for quality improvements
 - Facility repair cost based on improving facility components
 - Credible for large groups of buildings
 - Acceptable estimate for OSD quality status, but not accurate for facility project estimate
- Establish two facility level ratings from the ISR inspection
 - Facility quality rating (C1-C4) and improvement cost
 - Facility mission support rating (C1-C4)
- Establish new aggregate ratings
 - FCG to Category level - 3 ratings: mission support, quality, and quantity (deleted overall rating)

C2	C3	C2
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C2	C3	C2
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 - For DoD Facility Class (9) additional (new) rating for Garrison and MACOM level:

facilities readiness rating

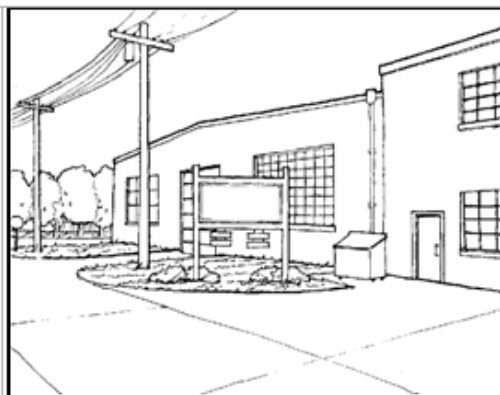
MAINTENANCE FACILITIES STANDARDS BOOKLET

GREEN

AMBER

RED

SITES & GROUNDS



In each row, circle the "Points" next to the description that most closely describes the facility. If an element is N/A, draw a line through it and exclude it from the column total.

HIGH PRIORITY:	Points	Points	Points	Points	
SITE & GROUNDS LIGHTING: • More than 90% is working • Provides direct or area lighting for: – Pedestrian movement – Security – Signage – Landscape	10	SITE & GROUNDS LIGHTING: • 75%–90% is working • Not more than 1 of the 4 types of lighting in the GREEN column is missing	10	SITE & GROUNDS LIGHTING: • Less than 75% is working • Two or more of the 4 types of lighting in the GREEN column are missing, or • No site and grounds lighting exists	10
DISABLED ACCESS: • Curb ramps are present wherever accessible routes cross a curb • Ramps are a minimum of 3 feet wide • Ramps have a moderate slope, not exceeding a rise of 1:12 (one inch vertical per 12 inches horizontal) • Access across the site follows the shortest accessible route to the facility	10	DISABLED ACCESS: • 1 or 2 of the 4 accessible criteria elements in the GREEN column are missing	10	DISABLED ACCESS: • More than 2 of the accessible criteria elements in the GREEN column are missing	10
TURF AND PAVEMENT DRAINAGE: • Surfaces are sloped to drain • Minimal turf erosion: – No erosion channels – No dead turf from water ponding • No obvious debris at pavement drains	10	TURF AND PAVEMENT DRAINAGE: • Surfaces are not well sloped to drain • Some turf erosion: – Erosion channels – Dead turf from water ponding • Some debris lying along pavement drainage channels	10	TURF AND PAVEMENT DRAINAGE: • Surfaces are not draining • Major turf erosion: – Large areas eroded – Channel cuts and dead scrubs – Large ponds of standing water • Large debris buildup along drains in sufficient amount to cause clogging	10

MAINTENANCE FACILITIES STANDARDS BOOKLET

GREEN

AMBER

RED

SITES & GROUNDS (CONT)

In each row, circle the "Points" next to the description that most closely describes the facility. If an element is N/A, draw a line through it and exclude it from the column total.

	Points		Points		Points
MEDIUM PRIORITY:					
PAVED SIDEWALKS: - Installed from parking to facility - Installed from adjacent streets to facility - Less than 10% of slabs are cracked or broken - At least 4 feet wide	6	PAVED SIDEWALKS: - Not installed from parking to facility, or - Not installed from streets to facility 10–25% of slabs are cracked or broken - Less than 4 feet wide	6	PAVED SIDEWALKS: - Not installed at all, or - More than 25% of slabs are cracked or broken; sidewalk poses a tripping hazard	6
LOW PRIORITY:					
LANDSCAPING: - Displays a mixture of colorful plants and greenery appropriate to the area - Well maintained - Turf areas are green, mowed to proper cut height with less than 25% weed build-up	6	LANDSCAPING: - Displays few color plantings or greenery - Not well maintained 25%–75% of turf area has brown-out or weeds	6	LANDSCAPING: - No plantings - Turf areas are in total disrepair; brown-out and weeds cover more than 75% of lawn	6
DUMPSTER: - Fully enclosed from view and incorporated into building design - Screened by walls or landscaping high enough (6-8 feet) to restrict view from: - Building occupants - Entrances - Streets - Parking lots 33 feet or more away from other occupied facilities 82 feet or more away from billeting and housing	4	DUMPSTER: - Not fully enclosed or covered, but inconspicuously located - Not screened by walls or landscaping sufficiently high to obscure view - More than 20 feet away, but less than 33 feet away from other occupied facilities - More than 50 feet away, but less than 82 feet away, from billeting and housing	4	DUMPSTER: - Not enclosed or screened from view - Less than 20 feet away from other facilities - Less than 50 feet away from billeting and housing	4
UTILITY SERVICES: - All utility lines are underground - Utility equipment is screened by landscaping or fencing	4	UTILITY SERVICES: - Utility lines are not underground, but are concealed by landscaping or fencing - Utility equipment is screened by landscaping or fencing	4	UTILITY SERVICES: Utility lines and equipment are exposed and disorderly.	4
SUBTOTAL OF POINTS CIRCLED IN THIS COLUMN ON PAGES NO. 1 & 2	20	SUBTOTAL OF POINTS CIRCLED IN THIS COLUMN ON PAGES NO. 1 & 2	20	SUBTOTAL OF POINTS CIRCLED IN THIS COLUMN ON PAGES NO. 1 & 2	10
GREEN		AMBER		RED	
TOTAL EACH COLOR COLUMN, AND THEN CIRCLE THE COLOR WITH THE MOST POINTS. NUMERIC COLUMN TIES GO TO THE "WORSE" COLOR. MARK THIS COLOR ON THE FACILITY WORKSHEET.					

FACILITY WORKSHEET

(Use with Booklet 5)

MAINTENANCE FACILITIES

Facility Number: Facility User UIC: Facility Category Group: Unit of Measure:	Installation Number: Inspector: _____ Phone Number: _____	Date Completed: _____
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FACILITY CONDITION ASSESSMENT

Inspection Component	Condition of Each Component			
	Place an "X" in the box that applies to each component.			
Common Components	Green	Amber	Red	N/A
1. Site & Grounds	☐	☒	☐	☐
2. Parking	☐	☐	☐	☐
3. Building Exterior	☐	☐	☐	☐
4. Foundation	☐	☐	☐	☐
5. Loading Dock/Service Area	☐	☐	☐	☐
6. Corridors	☐	☐	☐	☐
7. Stairs	☐	☐	☐	☐
8. Toilets/Shower/Locker Rooms	☐	☐	☐	☐
9. HVAC	☐	☐	☐	☐
10. Electrical Service	☐	☐	☐	☐
11. Security Systems	☐	☐	☐	☐
12. Fire Protection	☐	☐	☐	☐
Facility Specific Components				
13. Large Maintenance Areas	☐	☐	☐	☐
14. Small Maintenance Areas:	☐	☐	☐	☐
15. Centralized Vehicle Wash Facility	☐	☐	☐	☐

Red Rating Explanation: _____

Location Comment: _____

Environmental, Health, Safety, & Preservation (EHSP) Comment: _____

COMMANDER/DIRECTOR SIGNATURE



ISR Infrastructure Update for

~~2005~~

Site Visits to Evaluate New Standards

- Conduct inspections with old and new standards, using tenants and DPW experts:
 - Examine executability of new standards
 - Determine shortcomings of new standards
 - Examine time requirements for new standards
 - Explore changes in improvement cost estimates
- Locations
 - Ft Lee – June 04
 - Ft Bragg, Ft Campbell, Ft Belvoir, Edgewood Arsenal– July 04



ISR Infrastructure Update for **2005**

Site Visit Results

- 42 ratings booklets tested of 61 total
- Methodology:
 - Each rater used both 2004 and draft 2005 booklets for each building evaluated, to assess differences in results
 - DPW staff also rated using draft 2005 booklets as independent evaluation
- Results:
 - Evaluators favored the new booklets
 - Ratings based on draft 2005 booklets consistently higher
 - Ratings will take longer to complete using new booklets
- A BIG “thank-you” to SERO, NERO, ARNG, USAR and the five installations visited for their support in this effort.



ISR Infrastructure Update for ~~2005~~ *Summary of Update* Standards/Process Changes for 2005

- Standards rewritten using less subjective wording
- Within each rating booklet, ratings established for elements and components using points for weighting importance
- Two ratings for facilities - *Mission Support* and *Quality*
- Three ratings for FCG, Sub-Category and Category - *Mission Support*, *Quality* and *Quantity*

• Four ratings for Facility Class - *Mission Support*, *Quality*, *Quantity* and *Readiness*

Ms. Linda Smith 703-604-1281 101520(R
2446



ISR Infrastructure Update for ~~2005~~ Summary of Update Standards/Process Changes for 2005

- Commander's Readiness rating for each Facility Class - developed by Garrison Commander in concert with Senior Mission Commander
- Facility repair estimate no longer influenced by critical components
- Facility Quality color ratings replaced by C-ratings
- Complete implementation of required training for facility evaluators (initiated during 2004

collection)



ISR Infrastructure Update for *2005*

Other Changes for 2005

- Quality rating calculation methodology driven by DoD – based on relationship between calculated improvement cost and facility PRV
- Rating components with no improvement cost factors will not contribute to the overall facility Quality rating
- Uniform POI for conducting training for facility evaluators
- New facility inspector training video being prepared



ISR Infrastructure Update for *2005*

Concept of Evaluator Training

- All facility evaluators to receive training annually
- Training to include combination of classroom instruction and practical exercise in rating a facility
- Basic requirements for training to be uniform across reporting installations
- OACSIM is preparing a POI for installation use in conducting the instruction



ISR Infrastructure Update for **2005**

ISR Update Effects

- Quality ratings and cost estimates should better represent actual facility status
- No system change for quantity improvement estimates
- ISR 2005 to be used:
 - FY2005 CFOA submission on Restoration & Modernization requirements (Fall 2005)
 - ISR Quality ratings at facility level to feed “quality status” (Q-rating) in HQEIS for rated facilities (Fall 2005)
 - During POM 08-13 (portion of MILCON requirements-improve quality to C-2) (Spring 2006)